



JANNY MT



Flexible installations of natural controlled atmosphere modules

Tiempo Test Silver

O₂ & CO₂ gas analyzer for monitoring of storage in Janny MT modules

Description & functions



1- **ON button:** To switch the device on.
2- Wait until the measurements are displayed.
3- Click to make a measure.

Options for setting time/date and calibration.

OFF button: Return to main menu.
Hold for 2 seconds to switch the device off.



Information on the charger, the charging circuit or the battery :

After connecting the charger wire:

- A - Charger light lit → all OK!
- B - Charger light lit → faulty charger

Technical data:

Size in mm : 91x106x187
 Storage T°C: 20°C - max 70°C
 Weight: about 600g
 Gas : CO₂, O₂ and mixes with no combustible gas, no toxic gas, and no corrosive gas.
 Gaz entry pressure: max. 0,3 bar.
 Sample volume: 12-14 ml.
 Measure time: 10 seconds.
 Number of measures: about 250 with one battery charge.

O₂ analyse:

Probe: Electrochemical cell.
 Measure range: 0...100 Vol.-% O₂
 Accuracy: 0,1% absolute for concentration of O₂ < 10 vol.-%
 Lifespan: replaceable sensor.

CO₂ analyse:

Infrared sensor.
 Measure range: 0...100 Vol.-%
 Accuracy: + 2 % PE at 20°C (+-2% CO₂).
 Calibration : 2 calibration points (zero point, high point).
 Pressure of use (g) : atmospheric.

Maintenance of the device

Maintenance of the filter and needles:

Check that the air flow passes through the needle and that it is not blocked. The needle can be cleaned after taking several measurements using the metal rod in the needle pouch.

Calibrating the Tiempo Test device:

When is recalibration necessary? In order to avoid incorrect measurements, the unit must be calibrated if there is a major change in the weather and the atmosphere changes. Exposing the instruments to major changes in the environment (especially temperature) makes recalibration necessary.

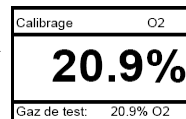
Calibration

O₂ is calibrated at point 20,9 with ambient air (well-ventilated zone).

Press several times to display the window.

Then press to start the calibration.

Press to return to the main menu.

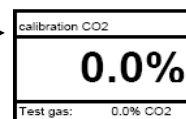


CO₂ is calibrated at point 0 with ambient air (well-ventilated zone).

Press several times to display the window.

Then press to start the calibration.

Press to return to the main menu.



The calibration of O₂ at 0% and CO₂ at 100% may be carried out with a bottle of CO₂ 100%.

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